



# Redistricting Map Instructions

## City of Eastvale



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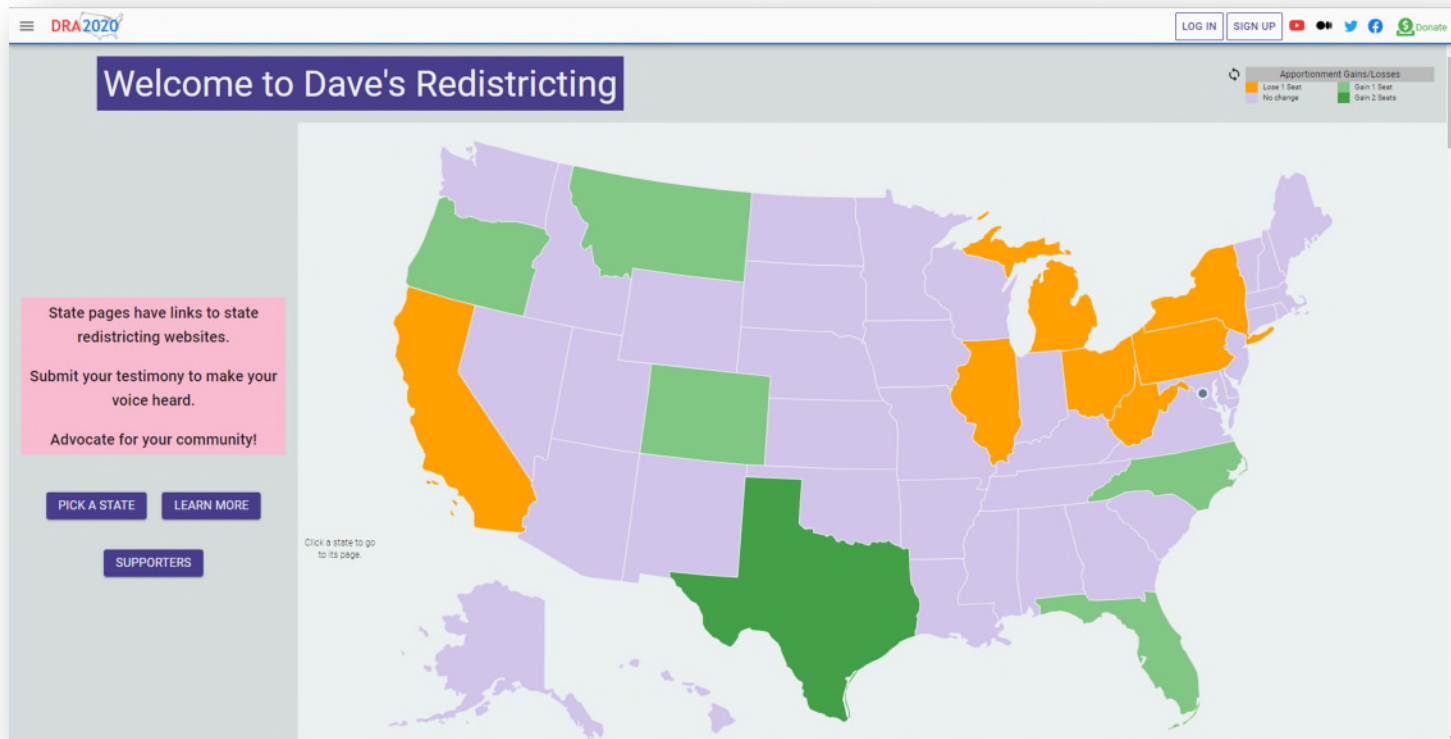
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# Introduction

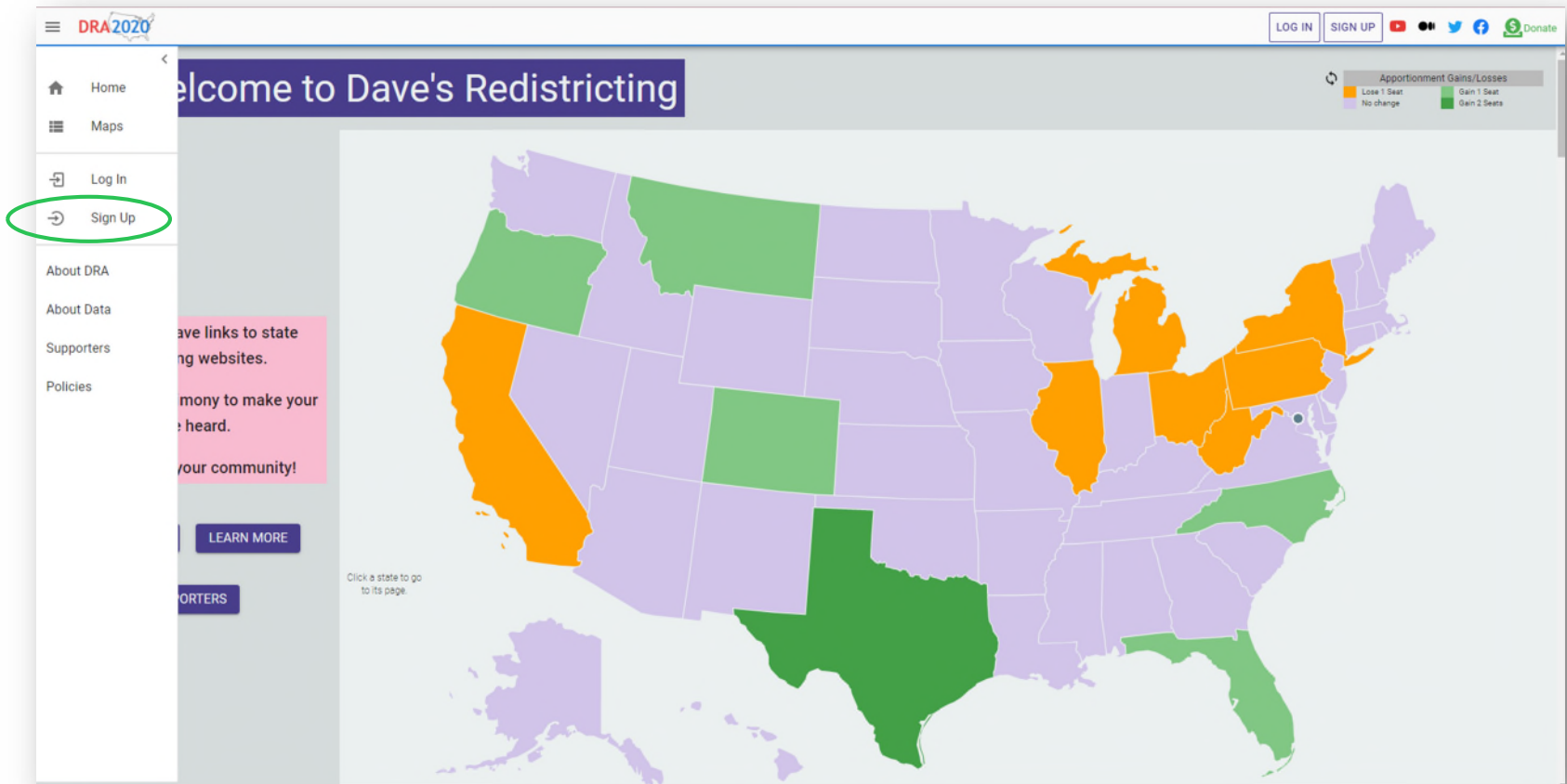
- **Mapping Tool – Dave's Redistricting “DRA 2020”**

DRA 2020 is a web application to create, view, analyze and share redistricting maps for all 50 states and the District of Columbia.

- includes demographic data from the 2020 and 2010 censuses, 2019 and 2018 5-Year ACS/CVAP estimates, and extensive election data.
  - official congressional and legislative district maps are available and can be used to start new maps, or you can create maps from scratch.



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# Getting Started


To get started, visit: <https://davesredistricting.org/>

- Sign up to create a free-to-you account.



# Draft Maps


 Search and Filter Maps 

LOG IN SIGN UP 

Home  
**Maps**  
Log In  
Sign Up

About DRA  
About Data  
Supporters  
Policies

To access published maps, or to start drawing your own map, click on the three lines located in the top left corner of the page and select "Maps" from the options pane.

Name ↑	Owner	Labels	Modified	Plan		State
AK 2018 Lower State House	dra2020	Using Latest Census & Voting Age data	May 2	2010	100	AK
AK 2018 Upper State House	dra2020	Using Latest Census & Voting Age data	Feb 27, 2020	2010	81	AK
AK 2020 State House	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Lower	100	AK
AK 2020 State Senate	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Upper	92	AK
AL 116th Congressional	dra2020		May 2	2010	21	AL
AL 2018 Lower State House	dra2020		May 3	2010	100	AL
AL 2018 Upper State House	dra2020		Nov 5, 2019	2010	93	AL
AL 2020 Congressional	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Congress	8	AL
AL 2020 State House	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Lower	86	AL
AL 2020 State Senate	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Upper	73	AL
AR 116th Congressional	dra2020		Apr 29	2010	53	AR
AR 2018 Lower State House	dra2020		Nov 5, 2019	2010	80	AR
AR 2018 Upper State House	dra2020		Nov 5, 2019	2010	67	AR
AR 2020 Congressional	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Congress	57	AR
AR 2020 State House	dra2020	Using Latest Census & Voting Age data	Nov 9	2020/Lower	92	AR

# Published Maps

Select “My Maps” and then select “Published Maps” from the options pane.

The screenshot shows the DRA2020 web application interface. The left sidebar contains a menu with the following items: My Maps, My Communities, Recent, Shared With Me, My Published, Official Maps, Published Maps, AK State Tribes, Cook Political, FiveThirtyEight, Wyoming Rule, More, and Trash. The 'Published Maps' item is highlighted. The main content area displays a table of published maps. The table has the following columns: Name, Owner, Labels, Modified, Plan, and State. The table contains the following data:

Name	Owner	Labels	Modified	Plan	State
Ohio non-partisan congressional map	MarcelloDiMaio	Non-partisan congressional maps 2021-2030	3:06 AM	2020/Congress	OH
DE	iantang314		2:45 AM	2020/Upper	DE
Republican5	minnesotadistricting		2:17 AM	2020/Congress	MN
Twentynine Palms Blank Map	info		2:11 AM	2020/Other	CA
WI best possible	Redistrictinggeek		1:25 AM	2020/Congress	WI
Manteca City Council javelina 1	info		0:15 AM	2020/Other	CA
NV State Assembly (Proposed)	eltrimble7	Nevada, Lower House	0:14 AM	2020/Lower	NV
IL House	jdratler	State Legislatures	Nov 14	2020/Lower	IL
IL Senate	jdratler	State Legislatures	Nov 14	2020/Upper	IL
Fair IL State Senate	samuel.shroff		Nov 14	2020/Congress	IL
California 2022 Congressional Districts	Crossover1370		Nov 14	2020/Congress	CA
CA Map	samuel.shroff	2022 HOR	Nov 14	2020/Congress	CA
Florida Map	lineb006		Nov 14	2020/Congress	FL
PA 2022	fungifun		Nov 14	2020/Congress	PA
IL 2022	fungifun		Nov 14	2020/Congress	IL



# Map Search

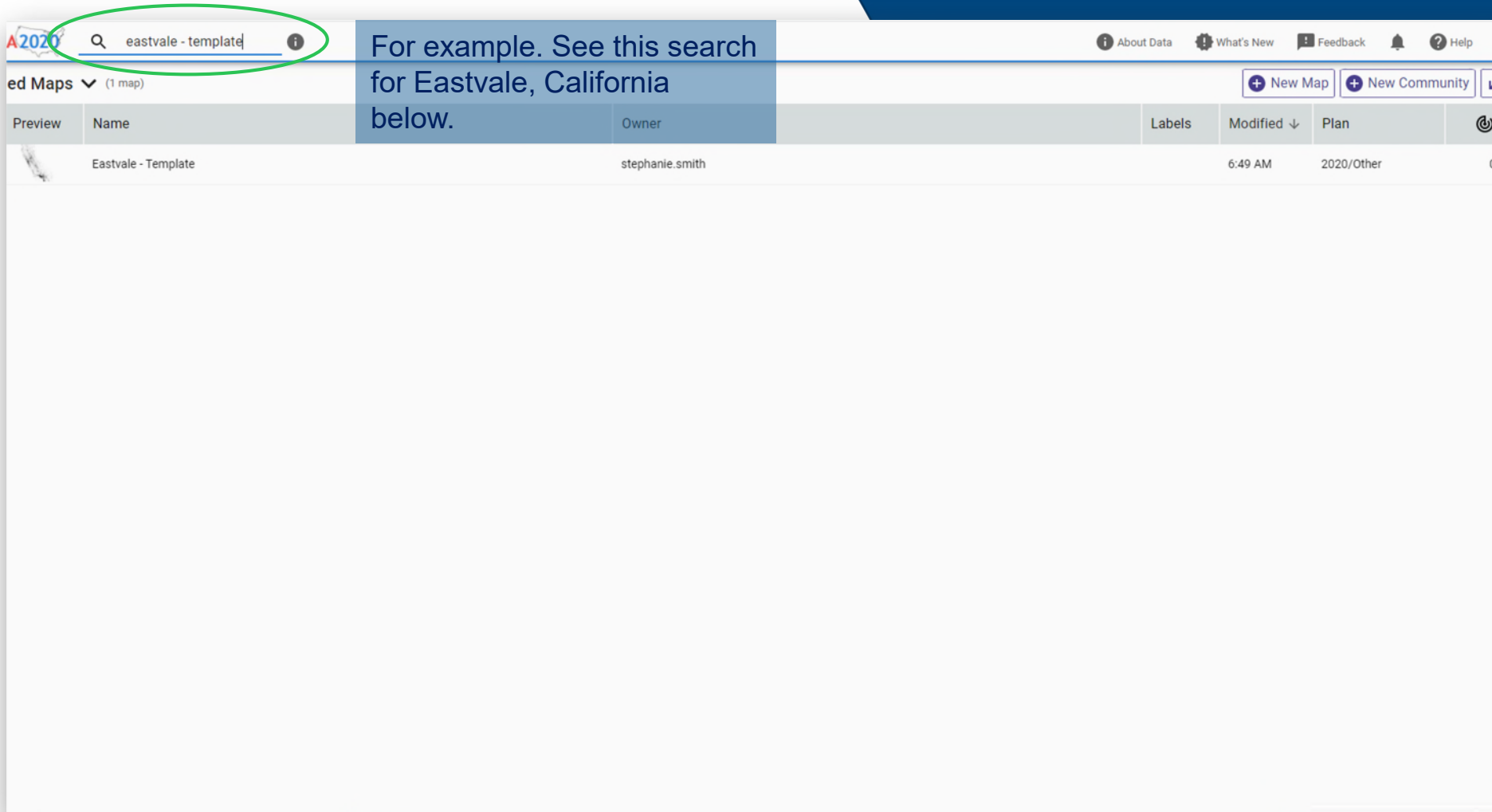
Using the search box, enter your jurisdiction's name + template to find the base map created for you. You can also enter just your jurisdiction's name to find any related published maps. These maps can be used as a good starting point.

DR2020 Search and Filter Maps


Published Maps (16,452 maps) View Share Duplicate

	Preview	Name	Owner	Labels	Modified ↓	Plan		State
<input type="checkbox"/>		Ohio non-partisan congressional map	MarcelloDiMaio	Non-partisan congressional maps 2021-2030	3:20 AM	2020/Congress	100	OH
<input type="checkbox"/>		DE	lantang314		2:45 AM	2020/Upper	87	DE
<input type="checkbox"/>		Republican5	minnesotadistricting		2:17 AM	2020/Congress	0	MN
<input type="checkbox"/>		Twentynine Palms Blank Map	info		2:11 AM	2020/Other		CA
<input type="checkbox"/>		WI best possible	Redistrictinggeek		1:25 AM	2020/Congress	81	WI
<input type="checkbox"/>		Manteca City Council javelina 1	info		0:15 AM	2020/Other	3	CA
<input type="checkbox"/>		NV State Assembly (Proposed)	eltrimble7	Nevada, Lower House	0:14 AM	2020/Lower	39	NV
<input type="checkbox"/>		IL House	jdratler	State Legislatures	Nov 14	2020/Lower	100	IL
<input type="checkbox"/>		IL Senate	jdratler	State Legislatures	Nov 14	2020/Upper	100	IL
<input type="checkbox"/>		Fair IL State Senate	samuel.shroff		Nov 14	2020/Congress	90	IL
<input checked="" type="checkbox"/>		California 2022 Congressional Districts	Crossover1370		Nov 14	2020/Congress	87	CA
<input type="checkbox"/>		CA Map	samuel.shroff	2022 HOR	Nov 14	2020/Congress	88	CA
<input type="checkbox"/>		Florida Map	lineb006		Nov 14	2020/Congress	66	FL
<input type="checkbox"/>		PA 2022	fungifun		Nov 14	2020/Congress	97	PA
<input type="checkbox"/>		IL 2022	fungifun		Nov 14	2020/Congress	100	IL

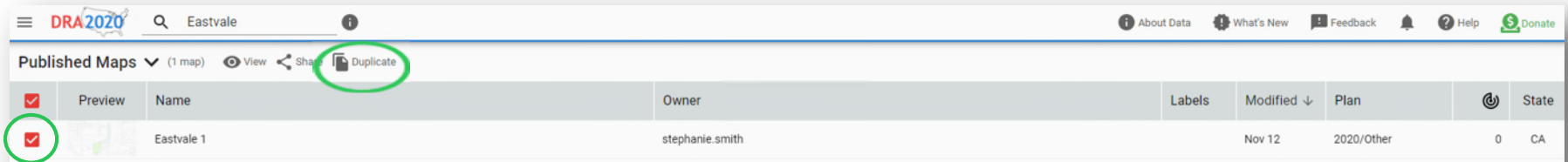
# Map Search

The screenshot shows the ArcGIS Online web application. At the top left, the 'ArcGIS' logo is partially visible. A search bar contains the text 'eastvale - template', which is circled in green. To the right of the search bar is an information icon. Below the search bar, a dropdown menu shows 'ed Maps' with a downward arrow and '(1 map)'. To the right of the search bar, a blue box contains the text: 'For example. See this search for Eastvale, California below.' The main content area is a table with columns: 'Preview', 'Name', 'Owner', 'Labels', 'Modified', and 'Plan'. The first row of the table shows a map thumbnail, the name 'Eastvale - Template', the owner 'stephanie.smith', the modification time '6:49 AM', and the date '2020/Other'. The top right of the interface includes links for 'About Data', 'What's New', 'Feedback', and 'Help'.

For example. See this search for Eastvale, California below.

Preview	Name	Owner	Labels	Modified	Plan
	Eastvale - Template	stephanie.smith		6:49 AM	2020/Other

# Duplicate Map



The screenshot shows the DRA2020 web application interface. At the top, there is a search bar with 'Eastvale' entered. Below the search bar, there is a 'Published Maps' section. In this section, there is a table with columns: 'Preview', 'Name', 'Owner', 'Labels', 'Modified', 'Plan', and 'State'. The first row of the table is for a map named 'Eastvale 1' by 'stephanie.smith'. A checkbox in the 'Preview' column for this map is checked and circled in green. Above the table, there is a 'Duplicate' button, which is also circled in green.

Preview	Name	Owner	Labels	Modified	Plan	State
<input checked="" type="checkbox"/>	Eastvale 1	stephanie.smith		Nov 12	2020/Other	0 CA

Click on the checkbox next to the map that you would like to use, which will select it, and click “duplicate” to make a copy. This will allow you to make modifications.





# Rename Map

With the duplicate map still selected, select “Rename” to name and add a description for your new map, and then click “Edit” to begin modifying your new draft map.

The screenshot shows the DRA2020 web application interface. At the top, there is a navigation bar with the DRA2020 logo, a search bar, and links for About Data, What's New, Feedback, Help, and Donate. Below the navigation bar, the 'My Maps' section is displayed, showing a dropdown menu for '(1 map)' and a row of action buttons: Edit, Share, Duplicate, Publish, Delete, Rename, and Label. The 'Rename' button is circled in green. Below the buttons, a table lists the maps. The table has columns for a checkbox, Preview, Name, Labels, Modified, Plan, and State. The first row shows a checked checkbox, a map preview, the name 'Copy of Eastvale 1', and other details.

	Preview	Name	Labels	Modified ↓	Plan	State
<input checked="" type="checkbox"/>		Copy of Eastvale 1		5:28 AM	0 2020/Other	CA



To see running totals for the currently selected district see the “district details” option pane. The district number is displayed at the top of the option pane

Rename your map at any time or update the description

# Edit Map Continued

Eastvale Redistricting Map 1

The screenshot displays the DRA2020 web application interface. The main map area shows a redistricting map of Eastvale with several precincts highlighted in green. The interface includes a top navigation bar with the DRA2020 logo and a title bar for the current map, "Eastvale Redistricting Map 1". On the left, there is a sidebar with various toolbars and data panels. The "District Selector" and "District Details" panels are visible, with the "District Details" panel showing data for District 1. The "Tools" toolbar includes a "paint brush" icon and a "hand" icon. The "Map" toolbar includes icons for Map, Statistics, Analyze, Compare, and Advanced. On the right, there is a "Precinct Details" panel showing data for the selected precinct. The bottom of the interface shows a status bar with the text "Map saved to server." and the Mapbox logo.

**Tools**

- “paint brush” selects precincts, which are actually census block groups
- “hand” moves the screen around

**District Details**

1

Total Population 2020		
	Pop	%
Total	12,598	100.0%
White	2,299	18.2%
Hispanic	6,061	48.1%
Black	1,320	10.5%
Asian	2,988	23.7%
Native	298	2.4%
Pacific	82	0.7%

Voting Age Pop 2020		
	Pop	%
Total	8,998	100.0%
White	1,771	19.7%
Hispanic	4,104	45.6%
Black	889	9.9%
Asian	2,194	24.4%
Native	208	2.3%

**Precinct Details**

Total Population 2020		
	Pop	%
Total	0	(-)
White	0	(-)
Hispanic	0	(-)
Black	0	(-)
Asian	0	(-)
Native	0	(-)
Pacific	0	(-)

Voting Age Pop 2020		
	Pop	%
Total	0	(-)
White	0	(-)
Hispanic	0	(-)
Black	0	(-)
Asian	0	(-)
Native	0	(-)
Pacific	0	(-)

Composite 2016-2020		
	Votes	%
Democratic	0	(-)
Republican	0	(-)
Other	0	(-)

Map saved to server.

© Mapbox © OpenStreetMap Improve this map

# Edit Map Continued

Click on a circle to choose a district to assign the next census block or precinct you click

District	Population	Deviation
Un	43,278	0
1	12,598	-7,895,047
2	13,881	-7,893,764
3	0	-7,907,645
4	0	-7,907,645
5	0	-7,907,645

Total Population 2020		
	Pop	%
Total	0	(-)
White	0	(-)
Hispanic	0	(-)
Black	0	(-)
Asian	0	(-)
Native	0	(-)
Pacific	0	(-)

Voting Age Pop 2020		
	Pop	%
Total	0	(-)
White	0	(-)
Hispanic	0	(-)
Black	0	(-)
Asian	0	(-)
Native	0	(-)
Pacific	0	(-)

Composite 2016-2020		
	Votes	%
Democratic	0	(-)
Republican	0	(-)
Other	0	(-)



# Edit Map Continued

**Eastvale** 13,881 -7,893,764

County City Precinct Block Tools

**District Selector**

District	Population	Deviation
Un	43,278	0
1	12,598	-7,895,047
2	13,881	-7,893,764
3	0	-7,907,645
4	0	-7,907,645
5	0	-7,907,645

**District Details**

**Colors**

**Districts**

- ☐ Only Current
- ☒ Map Colors
- ☐ Partisan Lean

**Precincts**

- ☐ Partisan Lean
- ☐ Demographics

**Overlays**

- ☐ Background Map
- ☐ District Lines
- ☒ Precinct Lines
- ☐ County Lines
- ☐ City Lines
- ☒ Landmarks

**Block Details**

Total Population 2020		
	Pop	%
Total	0	(-)
White	0	(-)
Hispanic	0	(-)
Black	0	(-)
Asian	0	(-)
Native	0	(-)
Pacific	0	(-)

Voting Age Pop 2020		
	Pop	%
Total	0	(-)
White	0	(-)
Hispanic	0	(-)
Black	0	(-)
Asian	0	(-)
Native	0	(-)
Pacific	0	(-)

Composite 2016-2020		
	Votes	%
Democratic	0	(-)
Republican	0	(-)
Other	0	(-)

To see details at the census block level, change the selection level to "block" and the blocks that make up the precinct (census block group) will appear.

Map saved to server.

© 2021 Dave's Redistricting, LLC.

© Mapbox © OpenStreetMap Improve this map



# Share a Map

When you are finished, you can share the map directly with your jurisdiction.

The screenshot shows the DRA2020 Eastvale Redistricting Map 1 interface. The map displays various districts and precincts. The top right corner features a share icon, which is highlighted by a green arrow from the text box above. The interface includes a District Selector on the left, a map area in the center, and a Precinct Details panel on the right. The map is titled "Eastvale Redistricting Map 1".

**District Selector**

District	Population	Deviation
4	2,593	-7,905,052
1	22,934	-7,884,711
2	13,881	-7,893,784
3	22,011	-7,885,634
5	8,338	-7,899,307

**Precinct Details**

Total Population 2020		
	Pop	%
Total	0	(-)
White	0	(-)
Hispanic	0	(-)
Black	0	(-)
Asian	0	(-)
Native	0	(-)
Pacific	0	(-)

Voting Age Pop 2020		
	Pop	%
Total	0	(-)
White	0	(-)
Hispanic	0	(-)
Black	0	(-)
Asian	0	(-)
Native	0	(-)
Pacific	0	(-)

Composite 2016-2020		
	Votes	%
Democratic	0	(-)
Republican	0	(-)
Other	0	(-)

Map saved to server.  
© 2021 Dave's Redistricting, LLC.  
© Mapbox © OpenStreetMap Improve this map





# Share a Map Continued

Copy the link that populates in the box, then send via email to your jurisdiction, or anyone else you want to review your map. The email for Eastvale's demographer is [Stephanie.Smith@bbklaw.com](mailto:Stephanie.Smith@bbklaw.com)

The screenshot shows a map application interface with a 'Share Map' dialog box open. The dialog box contains the following text:

**Share Map**

Copy and then share this URL.

URL  
<https://davesredistricting.org/join/2d1f0f07-b8cf-427b-b134-e8409701b23c>

☐ Allow Editing

REVOKE SHARING COPY DISMISS

The background map shows the Eastvale 1 area with various streets and a highlighted red boundary. A green arrow points from the email address in the text above to the share icon in the top right corner of the map application.





# Finalize Map

When you are finished, click on the “Maps” icon located on the top ribbon.

The screenshot shows the DRA2020 software interface for 'Eastvale Redistricting Map 1'. The top ribbon contains icons for Maps, Statistics, Analyze, Compare, and Advanced. A green arrow points from the text box to the 'Maps' icon. The left sidebar includes a District Selector, District Details, Colors, and Overlays. The main map area shows a map of Eastvale with district boundaries. The right sidebar shows Precinct Details and Composite 2016-2020 data.

**District Selector**

District	Population	Deviation
Un	0	0
1	22,934	-7,884,711
2	13,881	-7,893,764
3	22,011	-7,885,634
4	2,593	-7,905,032
5	8,338	-7,899,307

**District Details**

**Colors**

**Districts**

- ☐ Only Current
- ☒ Map Colors
- ☐ Partisan Lean
- ☐ Demographics

**Precincts**

- ☐ Partisan Lean
- ☐ Demographics
- Opacity:

**Overlays**

- ☐ Background Map
- ☐ District Lines
- ☐ Labels
- ☒ Precinct Lines
- ☐ Labels
- ☐ County Lines
- ☐ Labels
- ☐ City Lines
- ☒ Landmarks

**Precinct Details**

**Total Population 2020**

	Pop	%
Total	0	(-)
White	0	(-)
Hispanic	0	(-)
Black	0	(-)
Asian	0	(-)
Native	0	(-)
Pacific	0	(-)

**Voting Age Pop 2020**

	Pop	%
Total	0	(-)
White	0	(-)
Hispanic	0	(-)
Black	0	(-)
Asian	0	(-)
Native	0	(-)
Pacific	0	(-)

**Composite 2016-2020**

	Votes	%
Democratic	0	(-)
Republican	0	(-)
Other	0	(-)

Map saved to server.  
© mapbox

© 2021 Dave's Redistricting, LLC.

© Mapbox © OpenStreetMap. Improve this map

# Finalize Map Continued

My Maps (1 map)

<input type="checkbox"/>	Preview	Name	Labels	Modified ↓	Plan	State
<input type="checkbox"/>		Eastvale Redistricting Map 1		6:44 AM	0 2020/Other	CA

Select the map you want to publish by clicking the checkbox next to the map.

Another way to share your map with your jurisdiction is by publishing it for anyone to see and then letting them know.

# Publish Map

Once selected, click the publish icon located in the top ribbon.

The screenshot shows the DRA2020 web interface. The top ribbon contains buttons for Edit, Share, Duplicate, Publish, Delete, and Rename. The 'Publish' button is circled in green. A green arrow points from the 'Publish' button to the 'Publish Map' dialog box. The dialog box contains the following text:

**Publish Map**

Your published maps are visible to all DRA 2020 users. A good name and description will help other people find your map and understand how and why you built it.

Map Name  
Eastvale Redistricting Map 1

Description

Including your Twitter handle in your profile will allow other users who are interested in your maps to follow your tweets and have conversations about the maps you are publishing.

Twitter Handle

CANCEL PUBLISH

# Publish Map

Once selected, click the publish icon located in the top ribbon.

Once published, you **must** send an email to your jurisdiction with your map name to inform them that you have published a map. This is very important, otherwise they will not know that you have published a map.

The screenshot shows the 'My Maps' interface for DRA2020. The top ribbon contains icons for Edit, Share, Duplicate, Publish, Delete, Rename, and Label. The 'Publish' icon is circled in green. Below the ribbon, a table lists maps. The first map, 'Eastvale Redistricting Map 1', has a red checkmark in a box next to it, also circled in green. A 'Publish Map' dialog box is open in the center, containing the following text:

**Publish Map**

Your published maps are visible to all DRA 2020 users. A good name and description will help other people find your map and understand how and why you built it.

Map Name  
Eastvale Redistricting Map 1

Description

Including your Twitter handle in your profile will allow other users who are interested in your maps to follow your tweets and have conversations about the maps you are publishing.

Twitter Handle

CANCEL PUBLISH

This is your last opportunity to update the name of description of your map before it is made public. There is also an option to include a Twitter handle. Including your Twitter handle in your profile will allow other users who are interested in your maps to follow your tweets and have conversations about the maps you are publishing.